# User Manual

GB

## cocos-MUSIC MP3-Player

First, we would like to thank you for choosing our product. Before first using this Mp3-player, please read this manual carefully, in order to avoid damage to this player caused by wrong operation. Please save this manual for later purposes.

### 1. General

This player is the newest walkman-generation, which supports the music formats Mp1, Mp2, Mp3, WMA, WMV, ASP and WAV.

### 2. Caution

- Do not use this player in extreme hot, cold, dusty and damp areas.
- Please make sure, that the main power-switch is on the position "on", before you use your player.
- Do not drop this player and save it from sharp impact, because this could damage the casing or hardware.
- Please recharge the battery in the following cases:
  - A: if displayed by the battery-indicator
  - B: the device turns itself automatically off, immediately after it was turned on
  - C: the keys won't work
- Never disconnect the player abruptly while formatting or downloading and uploading, because this could lead to a malfunction of the player.
- Please use this player in accordance with the use of a hard drive. Wrong handling can cause the loss of data. In this case, the manufacturer can not be held liable.

### 3. Features

- Supports different formats, such as Mp1, Mp2, Mp3, WMA, WMV, ASP and WAV
- Supports stereo FM tune
- Supports U-disk function
- Supports lyric display (16 Chinese words) and displays the lyrics synchronously
- Dot matrix graphic LCD 96 * 64
- Different Repeat-Modes: Normal, repeat one, folder, repeat folder, repeat all, random, intro
- Visual auto picture combined with song-display makes this player convenient to use
- Supports different languages
- Recording up to 72 hours (256 mb) and low noise (VOX)
- 99 files can be saved under one directory

### 4. Delivery includes

| | |
|---|---|
| 1. MP3-Player | one |
| 2. Stereo earphones | one |
| 3. Installation CD | one |
| 4. USB-cable | one |
| 5. Power supply unit | one |

### 5. System requirements

- Above Pentium 100 MHz
- Operation systems Windows 95 / 98 / 2000 / ME / XP or higher
- USB-Interface
- CD-ROM drive

6. Introduction functions

The main menu of this player consists of six, respectively seven items: Music, Record, Voice, Sys Set (= System Settings), Tele Book (Telephone directory), Ebook, FM (Radio) – only for certain models.

*Keys:*

Play-button ▶II: On/Off, Play, Pause, Stop

MODE: Changing the working mode and entering the desired menu-item

REC: Start recording; Pause/Stop recording; setting the starting point "A" and ending point "B" of the A-B replay.

VOL: Adjust your desired volume

Last-button I◀◀: Short press to go to the previous menu-item or title; long press to fast rewind.

Next-button ▶▶I: Short press to go to the next menu-item or title; long press to fast forward.

OFF / ON: main power-switch; to turn the power on/off
Earphone Jack
USB-interface

*Display*

the following items are displayed:

current title number  current playing time  repeat-mode  battery-indicator

total number of titles  total playing time of title

LYRICS

procedure-mode  file-format  EQ-mode

7. Basic functions

*1. Turn the player on/off*

Long press the **Play**-button to turn the player on or off.

*2. Enter the main menu*

Press the **Mode**-button to enter the main menu.

In order to switch between different menu-items, please press the **Next**- or **Last**-button. Then press the **Mode**-button to enter the desired menu-item. Here are the different menu-items of the main menu:

Music
Record
Voice
Sys Set (= System settings)
Tele Book (telephone directory)
Ebook
FM – only for certain models

| **Main Menu** | *Status* | *Options* | *Options* |
|---|---|---|---|
| **I. Music** | Play-Submenu | Repeat | Normal<br>Repeat One<br>Folder<br>Repeat Folder<br>Repeat All<br>Random<br>Intro |
| | | Equalizer | Natural<br>Rock<br>Pop<br>Classic<br>Soft<br>Jazz<br>DBB |
| | | Tempo rate | faster or slower |
| | | Replay | A-B Replay |
| | | Replay times | 1 – 10 (times) |
| | | Replay gap | 1 – 10 (seconds) |
| | | Exit | |
| | Stop-Submenu | Local folder | |
| | | Delete file | NO / YES |
| | | Delete all | NO / YES |
| | | Exit | |

| | | | |
|---|---|---|---|
| **II. Record** | Stop-Submenu | Local folder | |
| | | REC type | Fine REC, Long REC<br>Fine VOR, Long VOR |
| | | Exit | |
| **III. Voice** | Play-Submenu | Repeat | Normal<br>Repeat One<br>Folder<br>Repeat Folder<br>Repeat All<br>Random<br>Intro |
| | | Tempo rate | faster or slower |
| | | Replay | A-B Replay |
| | | Exit | |
| | Stop-Submenu | Local folder | |
| | | Delete file | NO / YES |
| | | Delete all | NO / YES |
| | | Exit | |
| **IV. Sys Set** | | Record Time | |
| | | Language | Simple Chinese, Trad Chinese, English, Japanese, Korean, German, French, Italian, Spanish, Swedish, Czech, Dutch, Portuguese, Danmark, Polish, Russian |
| | | Power off | Off time<br>Sleep time |
| | | Replay mode | Manual<br>Automatic |
| | | Contrast | |
| | | Online Mode | Multi Drive<br>Normal Only<br>Encrypted Only |
| | | Memory info. | capacity and percentage used |
| | | F/W (Firmware) version | |
| | | F/W (Firmware) upgrade | |
| | | Screen Savers | 0 – 30 (seconds) |
| | | Exit | |

**V. Tele Book**

Browse Tel.
Import Tel Confirm Yes / No
Export Tel Confirm Yes / No
Exit

**VI. Ebook**

DIR Dir Select
FILE File Select
LOOK Text Read

**VII. FM (Radio)** only for models with radio

*3. Operation of Keys*

- *Music-Mode and Voice-Mode*

| Keys | Action | Stop Status | Play Status | Play Submenu | Stop Submenu |
|---|---|---|---|---|---|
| **Play-button** ▶II | long press | turn off | turn off | turn off | turn off |
| | press | play | pause/stop | exit from menu | exit from menu |
| **Mode-button** MODE | long press | enter main menu | enter main menu | enter main menu | enter main menu |
| | press | enter Stop Submenu | enter Play Submenu | enter menu-item | enter menu-item |
| **Next-button** ▶▶I | press | next song | play next song | switch submenu | switch submenu |
| | long press | continuous forward browse | fast forward | continuous forward | continuous forward |
| **Last-button** I◀◀ | press | previous song | play previous song | switch submenu | switch submenu |
| | long press | continuous backward browse | fast backward | continuous backward | continuous backward |
| **VOL (+)** | press Vol and Next | increase volume | increase volume | --- | --- |
| | long press Vol and Next | increase volume continuously | increase volume continuously | --- | --- |
| **VOL (-)** | press Vol and Last | decrease volume | decrease volume | --- | --- |
| | long press Vol and Last | decrease volume continuously | decrease volume continuously | --- | --- |

- *Record-Mode*

| Keys | Action | Stop Status | Record Status |
|---|---|---|---|
| **REC-button** REC | long press | start recording | stop recording |
| | press | start recording | pause recording |
| **Mode-button** MODE | long press | enter main menu | --- |
| | press | enter **Record** submenu | --- |

## *4. Menu-Functions*

### 4.1 Music

1. Enter the main menu.
2. Press the **Next-** or **Last-**button to go to the menu-item "Music".
3. Press the **Mode**-button to enter the Music-Menu.
4. Press the **Play**-button to start the playback.
5. Press the **Play**-button again to pause the playback.

Play-Submenu:
Repeat, Equalizer, Tempo rate, Replay, Replay times, Replay gap, Exit

a) Repeat

1. During playback:
2. Short press the **Mode**-button to enter the Play-Submenu.
3. Press the **Next-** or **Last**-button to select the menu-item "Repeat".
4. Press the **Mode**-button to enter the Repeat-Menu.
5. Press the **Next**- or **Last**-button to choose your desired option.

Repeat - Options:

*Normal*: Playback of files in the current folder in normal sequence
*Repeat One*: one single music-file is played repeatedly
*Folder*: plays all music-files in the current folder in sequence
*Repeat Folder*: all music-files in the current folder are played repeatedly
*Repeat All*: all music-files are played repeatedly
*Random*: plays music-files in the current folder randomly
*Intro*: the first 10 seconds are played of every music-file

6. Short press the **Mode**-button for confirmation and to exit the current menu.

b) Equalizer

1. During playback:
2. Short press the **Mode**-button to enter the Play-Submenu.
3. Press the **Next-** or **Last**-button to select the menu-item "Equalizer".
4. Press the **Mode**-button to enter the Equalizer-Menu.
5. Press the **Next**-or Last-**button** to choose your desired Equalizer sound.

*EQUALIZER-Sounds:*

Natural
Rock
Pop
Classic
Soft
Jazz
DBB

6. Short press the **Mode**-button for confirmation and to exit the current menu.

c) Tempo rate

Music- or Voice-Mode. When playing music (only for MP3-formats) or recorded files, different tempo rates can be set (faster or slower) without changing the tone and sound.

1. During playback:
2. Short press the **Mode**-button to enter the Play-Submenu.
3. Press the **Next-** or **Last**-button to select the menu-item "Tempo rate".
4. Press the **Mode**-button to enter the Tempo rate-Menu.
5. Press the **Next**-button for a faster tempo rate or press the **Last**-button for a slower tempo rate.
6. Press the **Mode**-button to confirm the desired tempo rate and to exit the current menu.

**Note:**
Setting the Tempo rate is valid for each music file until it is changed again.

d) Replay (A-B Replay)

1. During playback:
2. Short press the **Mode**-button to enter the Play-Submenu.
3. Press the **Next-** or **Last**-button to select the menu-item "Replay".
4. Press the **Mode**-button to enter the Replay-Menu.
   "A" blinks in the A-B-icon and the starting point "A" needs to be set.
5. Press the **REC**-button to set the starting point "A".
   After "A" is set, "B" blinks in the A-B-icon and the ending point "B" needs to be set.
6. Press the **REC**-button to set the ending point "B".

The A-B-icon is now complete and the replay of the A-B segment begins. When the replay time reaches the time set in advance, the player will quit the Replay-Mode.
While in the Replay-Mode, pressing the **Last**-button can set "A" again, in order to select another segment. (Setting of the Replay time can be done in "Replay times", a following menu-item.).
Press the **Mode**-button in order to stop the A-B Replay and to leave the Replay-Mode.

* At Replay-Mode, press **Vol + / Vol –** to set the Tempo Rate directly.

- **Follow Read (this function does not exist for Voice-Mode)**

1. While the A-B segment is playing, press the **Next**-button to enter the Follow Read-Mode.

2. The Replay-icon changes to the Follow Read-icon and the sound of the user is recorded. The recording time is as long as the time of the A-B segment.

3. After recording, the icon changes again and the original sound is played. Press the **Next**-button to enter the comparison-mode.

* At this mode, pressing the **Last**-button means returning to the A-B Replay-Mode.

- **Comparison (this function does not exist for Voice-Mode)**

1. Enter this mode and the Replay-icon changes again and the recorded sound of the user is played.

2. After playing the recorded sound is finished, the icon changes one more time and the original sound is played.

3. After playing the original sound, the recorded sound is played again. The whole procedure will continue (without limitation of a set Replay time), until the **Mode**-button is pressed to exit.

* At this mode, pressing the **Last**-button means returning to the Replay-Mode directly.

* Valid for all three modes above: Pressing the **Mode**-button means exiting the Replay-Mode directly.

e) Replay times

1. During playback:
2. Short press the **Mode**-button to enter the Play-Submenu.
3. Press the **Next-** or **Last**-button to select the menu-item "Replay times".
4. Press the **Mode**-button to enter the Replay times-Menu.
5. Press the **Next**- or **Last**-button to choose your desired number (1 – 10) of replays.

"Replay times" means, that after the A-B segment was played for a fixed period of time, the player will automatically exit the Replay-Mode.

6. Short press the **Mode**-button for confirmation and to exit the current menu.

f) Replay gap

1. During playback:
2. Short press the **Mode**-button to enter the Play-Submenu.
3. Press the **Next-** or **Last**-button to select the menu-item "Replay gap".
4. Press the **Mode**-button to enter the Replay gap-Menu.
5. Press the **Next**- or **Last**-button to choose your desired time (1 – 10 seconds).

"Replay gap" means the break period between the A-B Replays (unit: seconds).

6. Short press the **Mode**-button for confirmation and to exit the current menu.

*Synchronous Lyric Display*

This player supports ".LRC" lyric files (users may download from http://www.51lrc.com) and the lyrics can be displayed synchronously while playing music.

How to use lyric files?
Save the lyric file under the same name as the corresponding music file.
e.g. Music file name: Andy-Water.mp3
Lyric file name: Andy-Water.mp3

How to find out, whether lyrics exist or not?
If there are no lyrics to match the currently played song, the icon on the left top in the Music-Mode will change. .

1. The current song has a matching lyric file, but it isn't displayed.
2. Press the **Mode**-button to return to the Play-Mode.
3. Long press the **Mode**-button to enter the Lyric files.
4. Browse lyrics manually.
Press **VOL** for browsing

Stop-Submenu:
Local folder, Delete file, Delete all, Exit

a) Local folder

1. In Stop-Mode, press the **Mode**-button to enter the Stop-Submenu.
2. Press the **Mode**-button to enter the menu-item "Local folder", where folders can be chosen.
3. Press the **Next**- or **Last**-button to choose your desired folder.
4. Press the **Mode**-button to confirm the chosen folder.

*Note:*
Independent folders can be saved in corresponding modes, such as Music-Mode, Record-Mode and Voice-Mode, i.e. the three modes are not bound to correspond with the same folder.

b) Delete files

1. While in Stop-Mode:
2. Press the **Mode**-button to enter the Stop-Submenu.
3. Press the **Next-** or **Last**-button to select "Delete file" or "Delete all".
4. Press the **Mode**-button to enter the chosen Delete-Menu.
5. Press the **Next**-button to switch between "NO" and "YES".
6. If "YES" is chosen, press the **Mode**-button for confirmation and deletion starts.
7. If "NO" is chosen, press the **Mode**-button to cancel the deletion.

- "Delete all" means, that all relevant files in the current mode in the current folder will be deleted. (for example, "Delete all" is chosen in Music-Mode, that means that all the music files in the current folder will be deleted, while the recorded files will remain unchanged.)

- When deleting files in the PC; please make sure to release the player safely before pulling out the cable, otherwise the files may not be deleted.

**4.2 Record**

1. Enter the main menu.
2. Press the **Next-** or **Last-**button to go to the menu-item "Record".
3. Press the **Mode**-button to enter the Record-Menu.
4. Press the **REC**-button to start recording.
5. Short press the **REC**-button to pause the recording.
6. Long press the **REC**-button to stop and save the recording.

* While recording, the player will stop and save the recording automatically, when the battery is on low and the user should then recharge the battery.
* The recording will not be saved, if the power supply is cut off abruptly while recording.

**Note:**
- The recorded file is saved in the current folder set in "Recording Stop submenu / Local folder".
- If "space is full" is displayed on the Display, the player's memory is full. Please delete other files to make some space available.
- If "folder is full" is displayed on the Display, the current directory has already 99 recorded files. Please switch then to another directory.

Stop-Submenu:
Local folder, REC type, Exit

a) Local folder

1. In Stop-Mode, press the **Mode**-button to enter the Stop-Submenu.
2. Press the **Mode**-button to enter the menu-item "Local folder".
3. Press the **Mode**-button again to enter the Local folder-Menu, where folders can be chosen.
4. Press the **Next**- or **Last**-button to choose your desired folder.
5. Press the **Mode**-button to confirm the chosen folder.

b) REC type

1. While being in the status of Stop Recording:
2. Press the **Mode**-button to enter the Stop-Submenu.
3. Press the **Next-** or **Last**-button to go to the menu-item "REC type".
4. Press the **Mode**-button to enter the REC type-Menu.
5. Press the **Next**-or **Last**-button to select the desired recording type:
   Fine REC: exquisite recording in WAV-format and good music quality
   Long REC: long recording in ACT-format and normal music quality
   Fine VOR: exquisite sound-controlled recording in WAV-format
   Long VOR: long sound-controlled recording in ACT-format
   * Sound-controlled recording means, that the recording will be paused, when there is no sound.
6. Press the **Mode**-button to confirm the selected recording type and to exit the current menu.
7. Press the **REC**-button to start recording.

**4.3 Voice** (playback of the recorded files)

1. Enter the main menu.
2. Press the **Next-** or **Last-**button to go to the menu-item "Voice".
3. Press the **Mode**-button to enter the Voice-Menu.
4. Press the **Play**-button to start the playback.
5. Press the **Play**-button again to pause the playback.

Play-Submenu:
Repeat, Tempo rate, Replay, Exit

a) Repeat

1. During playback:
2. Short press the **Mode**-button to enter the Play-Submenu.
3. Press the **Next-** or **Last**-button to select the menu-item "Repeat".
4. Press the **Mode**-button to enter the Repeat-Menu.
5. Press the **Next**- or **Last**-button to choose your desired option.

Repeat - Options:
*Normal*: Playback of files in the current folder in normal sequence
*Repeat One*: one single music-file is played repeatedly
*Folder*: plays all music-files in the current folder in sequence
*Repeat Folder*: all music-files in the current folder are played repeatedly
*Repeat All*: all music-files are played repeatedly
*Random*: plays music-files in the current folder randomly
*Intro*: the first 10 seconds are played of every music-file

6. Short press the **Mode**-button for confirmation and to exit the current menu.

b) Tempo rate

Music- or Voice-Mode. When playing music (only for MP3-formats) or recorded files, different tempo rates can be set (faster or slower) without changing the tone and sound.

1. During playback:
2. Short press the **Mode**-button to enter the Play-Submenu.
3. Press the **Next-** or **Last**-button to select the menu-item "Tempo rate".
4. Press the **Mode**-button to enter the Tempo rate-Menu.
5. Press the **Next**-button for a faster tempo rate or press the **Last**-button for a slower tempo rate.
6. Press the **Mode**-button to confirm the desired tempo rate and to exit the current menu.

**Note:**
Setting the Tempo rate is valid for each music file until it is changed again.

c) Replay (A-B Replay)

1. During playback:
2. Short press the **Mode**-button to enter the Play-Submenu.
3. Press the **Next-** or **Last**-button to select the menu-item "Replay".
4. Press the **Mode**-button to enter the Replay-Menu.
   "A" blinks in the A-B-icon and the starting point "A" needs to be set.
5. Press the **REC**-button to set the starting point "A".
   After "A" is set, "B" blinks in the A-B-icon and the ending point "B" needs to be set.
6. Press the **REC**-button to set the ending point "B".

The A-B-icon is now complete and the replay of the A-B segment begins.
While in the Replay-Mode, pressing the **Last**-button can set "A" again, in order to select another segment. Press the **Mode**-button in order to stop the A-B Replay and to leave the Replay-Mode.

* At Replay-Mode, press **Vol + / Vol –** to set the Tempo Rate directly.

Stop-Submenu:
Local folder, Delete file, Delete all, Exit

a) Local folder

1. In Stop-Mode, press the **Mode**-button to enter the Stop-Submenu.
2. Press the **Mode**-button to enter the menu-item "Local folder", where folders can be chosen.
3. Press the **Next**- or **Last**-button to choose your desired folder.
4. Press the **Mode**-button to confirm the chosen folder.

*Note:*
Independent folders can be saved in corresponding modes, such as Music-Mode, Record-Mode and Voice-Mode, i.e. the three modes are not bound to correspond with the same folder.

b) Delete files

1. While in Stop-Mode:
2. Press the **Mode**-button to enter the Stop-Submenu.
3. Press the **Next-** or **Last**-button to select "Delete file" or "Delete all".
4. Press the **Mode**-button to enter the chosen Delete-Menu.
5. Press the **Next**-button to switch between "NO" and "YES".
6. If "YES" is chosen, press the **Mode**-button for confirmation and deletion starts.
7. If "NO" is chosen, press the **Mode**-button to cancel the deletion.

- "Delete all" means, that all relevant files in the current mode in the current folder will be deleted. (for example, "Delete all" is chosen in Music-Mode, that means that all the music files in the current folder will be deleted, while the recorded files will remain unchanged.)
- When deleting files in the PC; please make sure to release the player safely before pulling out the cable, otherwise, the files may not be deleted.

**4.4 Sys Set** (System settings)

1. Enter the main menu.
2. Press the **Next-** or **Last-**button to go to the menu-item "Sys Set".
3. Press the **Mode**-button to enter the System-Menu.
4. Select the desired submenu with the buttons **Last** or **Next.**

**• Parameter Description**

| | |
|---|---|
| Record Time | Set the time and date, when the recorded files are saved |
| Language | Select your desired language |
| Power off | Set a fixed time, after which the player will be turned off automatically |
| Replay Mode | Set the working status on Replay-Mode |
| Contrast | Set the desired contrast level of the LCD-Display |
| Online Mode | Function, especially created for "private space" |
| Memory info. | Shows the total memory capacity and the percentage that has been used |
| F/W version (Firmware version) | Shows the current firmware version |
| F/W upgrade (firmware upgrade) | Special function for upgrading the firmware |
| Screen Savers | Set the desired time, when the screen saver should be activated |
| Exit | exit from the current menu |

**• Instructions**

*• "Record Time"*

1. Enter the System-Menu (Sys Set).
2. Press the **Next**- or **Last**-button to go to the menu-item "Record Time".
3. Press the **Mode**-button to enter the Record Time-Menu.
4. Press the **Vol**-button to set the time, in the sequence of "YY-MM-DD". After pressing the **Vol**-button, the icon of the year is blinking.
5. Now, press the **Next-** or **Last**-button to adjust the numbers.
6. Press the **Mode**-button for confirmation and to exit the current menu.

- *"Language"*

1. Enter the System-Menu (Sys Set).
2. Press the **Next**- or **Last**-button to go to the menu-item "Language".
3. Press the **Mode**-button to enter the Language-Menu.
4. Press the **Next**- or **Last**-button to go to the desired language.
5. Press the **Mode**-button for confirmation and to exit the current menu.

Available language options:

| | | | | |
|---|---|---|---|---|
| Simple Chinese | Korean | | Spanish | Portuguese |
| Trad Chinese | | German | Swedish | Danish ("Danmark") |
| English | French | | Czech | Polish |
| Japanese | Italian | | Dutch | Russian |

- *"Power off"*

1. Enter the System-Menu (Sys Set).
2. Press the **Next**- or **Last**-button to go to the menu-item "Power off".
3. Press the **Mode**-button to enter the Power off-Menu.
4. Press the **Next** -button to switch between the two options "Off time" and "Sleep time".
5. Press the **Mode**-button for confirmation and to exit the current menu.

"Off Time" means, that after a fixed period of time (unit: seconds), when there is no operation on the keys at the Stop-Mode, the player turns itself off automatically in order to save energy. If "0" is selected, the energy saving function is invalid.

"Sleep Time" means, that you can set a fixed period of time (unit: minutes) for the player to turn itself off automatically, when there is no operation on the keys, no matter which mode the player is in. This function was especially designed to be able to listen to music before sleeping.
**Note:** Setting the Sleep Timer is only valid once and the set time will be cleared after the power was turned off. "Sleep Time" then needs to be set again the next time.

- *"Replay mode"*

1. Enter the System-Menu (Sys Set).
2. Press the **Next**- or **Last**-button to go to the menu-item "Replay mode".
3. Press the **Mode**-button to enter the Replay mode-Menu.
4. Press the **Next**-button to switch between the two options "Manual" and "Automatic".
5. Press the **Mode**-button for confirmation and to exit the current menu.

"Manual" means, that, at the A-B Replay-Mode, the endpoint B can only be set manually.

"Automatic" means, that at the A-B Replay-Mode, the endpoint B will be set automatically (especially for English Reading files without music).

- *"Contrast"*

1. Enter the System-Menu (Sys Set).
2. Press the **Next**- or **Last**-button to go to the menu-item "Contrast".
3. Press the **Mode**-button to enter the Contrast-Menu.
4. Press the **Next**- or **Last**-button to set your desired contrast-level..
5. Press the **Mode**-button for confirmation and to exit the current menu.

- *"Online Mode"*

1. Enter the System-Menu (Sys Set).
2. Press the **Next**- or **Last**-button to go to the menu-item "Online Mode".
3. Press the **Mode**-button to enter the Online-Menu.
4. Press the **Next**-button to switch between the options "Multi Drive", "Normal Only" and "Encrypted Only".
5. Press the **Mode**-button for confirmation and to exit the current menu.

Some operating systems (under Windows 2K SP4) cannot support two driver letters on one USB-disk. Therefore, if you are in the "private space" function, select which disk you are going to use, i.e. "normal only" or "encrypted only", for a correct display of the selected disk after connection to a PC. For a more detailed description, please read the corresponding paragraph in this manual.

- *"Memory info."*

1. Enter the System-Menu (Sys Set).
2. Press the **Next**- or **Last**-button to go to the menu-item "Memory info.".
3. Press the **Mode**-button to enter the Memory-Menu.
5. Press the **Mode**-button to exit the current menu.

The number displayed represents the total memory capacity and the percentage refers to the capacity used.

- *"F/W version" (Firmware version)*

1. Enter the System-Menu (Sys Set).
2. Press the **Next**- or **Last**-button to go to the menu-item "F/'W version".
3. Press the **Mode**-button to enter the Firmware-Menu.
The currently used firmware version is displayed.
4. Press the **Mode**-button to exit the current menu.

- "F/W *upgrade" (Firmware upgrade)*

1. Enter the System-Menu (Sys Set).
2. Press the **Next**- or **Last**-button to go to the menu-item "F/'W upgrade".
3. Press the **Mode**-button to enter the Upgrade-Menu.
4. Press the **Mode**-button to exit the current menu.

This function was especially designed for the Firmware Upgrade. For a more detailed description, please see item No. 6 in this manual.

**Caution:**
- Firmware Upgrade is an operation to enhance and optimize the performance of the player. If the Firmware Upgrade was not performed, there is no influence on the normal operation of the player.
- Incorrect operation of Firmware Upgrade may cause the player to work abnormally. Please read the manual carefully before operation and a Firmware Upgrade should be operated by people with basic knowledge in computer operation.
- The upgrading firmware is especially programmed for this player only and is not suitable for other players, and another firmware is not suitable for this player.

- *"Screen Savers"*

1. Enter the System-Menu (Sys Set).
2. Press the **Next**- or **Last**-button to go to the menu-item "Screen Savers".
3. Press the **Mode**-button to enter the Screen Saver-Menu.
4. Press the **Next**- or **Last**-button to set your desired time (0 – 30 seconds), when the screen saver should be activated.
5. Press the **Mode**-button to exit the current menu.

- *Exit*

**4.5 Tele Book** (Telephone directory)

1. Enter the main menu.
2. Press the **Next-** or **Last-**button to go to the menu-item "Tele Book".
3. Press the **Mode**-button to enter the Telephone-Menu.
4. Submenu Options:

    - Browse Tel.
    The user can browse the Telephone book information in the MP3-player.

    - Import Tel
    Using the telephone directory processing tool can create the Tel. Book file Tel_save.bin in the PC; put it then into the root directory of the U-disk and this
    function can "import" it to the MP3-player.

    - Export Tel
    This function can "export" the telephone information from the MP3-player and
    saving it will make a readable text file of Tel_Expt.bin in the root directory of the
    U-disk.

    - Exit
    Leave this mode and go back to the main menu.

**4.6 Ebook**

1. Enter the main menu.
2. Press the **Next-** or **Last -**button to go to the menu-item "Ebook".
3. Press the **Mode**-button to enter the Ebook-Menu.

Options:

| | |
|---|---|
| DIR | Dir Select |
| FILE | File Select |
| LOOK | Text Read |

4. Press the **Mode**-button to exit the current menu.

**4.7 FM-Radio** (only for certain models)

1. Enter the main menu.
2. Press the **Next-** or **Last-**button to go to the menu-item "FM".
3. Press the **Mode**-button to enter the FM-Menu.
4. Press the **Mode**-button to enter the FM-Submenu.

FM-Submenu:
Search mode, Freq mode, Search Station, Auto Search, Search level, Save Station, Delete Station, Select Band, REC type

- *Search-Mode*

Select Search-Mode in the FM-Submenu and then press the **Mode**-button to enter the Search-Menu:

**FREQ-Mode**:
Press the **Next-** or **Last**-button and the player will forward or backward with 100 KHz in single steps to manually search stations.
Press the **Next-** or **Last**-button for about 2 seconds, and the player will scan forward or backward with 100 KHz continuously; then stop at a scanned station. If you want to stop scanning, press the **Next-** or **Last**-button.

**Search Station**:
If the player has more than one station saved, press the **Next-** or **Last**-button to listen to the stations.

**Auto Search**:
When selecting the Auto Search function, the player can automatically scan frequencies between 87.5 MHz and 108 MHz and save the scanned stations.

- *Search Level*

There are eight levels; the Auto Search function demands a higher intensity of the signal, the higher the levels are.

- *Save*

The stations are manually scanned in sequence. US-Band and Japan-Band can each save a maximum of 20 stations.

- *Delete*

Delete the saved radio station.

- *Select Band*

In the FM-Submenu, select the corresponding menu and press the **Mode**-button to enter the Select Band-Menu, then press the **Next**-button to choose US-Band (FM 87 – 108 MHz) or Japan-Band (FM 76 – 90 MHz). Press the **Mode**-button again for confirmation.

- *REC type*

In the FM-Submenu, select the corresponding menu and press the **Mode**-button to enter the REC type-Menu, then press the **Next-** or **Last**-button to choose "Fine REC" (exquisite recording) or "Long REC" (long hour recording). Press the **Mode**-button again for confirmation.

**Note:**
If the current station is in STEREO, the icon "S" will appear in the display.

## *5. USB-Disk*

The player supports standard USB-disk function with the operating systems Windows 98 (driver needed), Windows 2K and above (driver free), Mac OS 10.3 and above, Linux Redhat 8.0 and above.

The player supports power supply through USB. At Standby-Mode, press the **Mode**-button to go to the main menu, then select to enter the desired mode.

The player also supports Suspend-Mode.

How to connect the player to a PC?
Turn the player on and plug the USB-cable in to enter the Mode 1.

The player will display three modes after being connected to a PC:

1. Standby-Mode
2. Downloading-Mode
3. Uploading-Mode

## *6. Firmware Upgrade*

The player supports Firmware Upgrade or maintenance through installing special tools on the PC.

1. Enter the main menu.
2. Press the **Next**- or **Last**-button to go to the menu-item "Sys Set" (System Settings).
3. Press the **Mode**-button to enter the System-Menu.
4. Press the **Next**- or **Last**-button to go to the menu-item "F/W upgrade".
5. Press the **Mode**-button to enter the Upgrade-Menu.
6. Connect the player to the PC.
7. Run the upgrading tool "MP3 Player Update" on the PC, then click on "choose firmware of new version".
8. Choose the new firmware programme (you may find it in the accessory CD or can download it from our website).
9. Click on "Start" and the system will start the upgrade.
10. It will be displayed, if the upgrade was successful.

## *7. Strong Recommendation*

*Private Space Function*

Many Mp3-users are puzzled over the problem of information disclosure and private data accessed by others. When others borrow the Mp3-player, normally all the private information should be deleted, which may cause problems.
However, the "Private Space" function, provided by this player, completely solves this big problem.
Users can divide the U-Disk of this player with the accessory tools into two parts of any proportions (Users will see two driver letters on the PC; but SP4 should be installed for the operating system Windows 2K, otherwise only one driver letter can be seen. Without such installation, users must choose "normal only" or "encrypted only" in the "Online Mode" of the "System Setting"-Menu of the player), and one part can be encrypted as a private space, which needs a password for the access (If users do not encrypt both parts, the USB-memory will be treated as two disks.). This is the great "Private Space" function.

1. Connect the player to a PC.

2. Run the accessory installation tool "MP3 Player Disk Tool".

3. First, there is a format tool. Select the option "Partition and encrypt" and set a desired capacity for the encrypted disk, then choose the setting of username and password. Fill the username in the blank field of "New username" and the password in the blank field of "New password", then write the same password again in the blank field of "New password Confirm". After the above operation is finished, click on "Start" and the partition begins.

4. After the partition is finished, click on "OK", then restart the PC.

5. After restarting the PC, two disks will be displayed (only one driver letter will be displayed for Windows 2K SP4). Click to access the encrypted disk.

6. Run the executable file "RdiskDecrypt.exe" and write the username and password into the dialog box. If they are correct, the disc can be accessed and files can be copied.

7. Username and password are required to access the encrypted disk with every connection to a PC

*** Note:**
Dividing one disk into two parts may erase the data in it. Please backup the data in the disk before the partition. And merging two parts to one disk may also erase the data.

*** Warning:**
Do not loose your username or password. Otherwise, you will not be able to access the encrypted disk. You will have to merge the two parts in order to erase the encrypted disk and the data in it will be lost.

## Trouble Shooting

| | |
|---|---|
| No power | • Check whether the battery has been inserted properly. |
| No sound is heard (earphones) | • Check whether the volume is set on "0" and connect the earphone plug firmly.<br>• Check whether the earphone plug is dirty.<br>• Corrupted MP3 may cause a static noise and the sound may be cut off. Make sure, that the music files are not corrupted. |
| Characters in the display are incorrect | • Check if the right language was selected. |
| Poor FM reception | • Adjust the position of the earphones and player.<br>• Turn off the power of other electric devices near the player.<br>• The earphones can be used as an antenna. |
| Download of music files fails | • Check whether the USB-cable is damaged and if it is connected properly.<br>• Check whether the driver was installed correctly.<br>• Check whether the player's memory is full. |

## Technical Details

| | |
|---|---|
| 1. Built-in FLASH | 64 / 128 / 256 / 512 mb / 1024 / 2048 gb |
| 2. Music standard | MP1, MP2, MP3, WMA, WMV, ASF |
| 3. FM | 76 MHz – 96 MHz / 87 MHz – 108 MHz |
| 4. FM accuracy | 96 * 64 dot and matrix |
| 6. Various languages | Simple Chinese, Trad Chinese, English, Japanese, Korean, German, French, Italian, Spanish, Swedish, Czech, Dutch, Portuguese, Danish, Polish, Russian |
| 7. Power source | 3.7 V/LI battery |
| 8. Interface | USB 1.1 (read: 1000K byte ; write: 800K byte) |
| 9. Recording format | WAV (32kbps), ACT (8kbps) |
| 10. Recording time standard / time | AG8 / 36 hours (128m) |
| 11. Supported compact speed rate | MP3 (8kbps – 32kbps), WMA, WMV, ASF (5kbps – 384kbps) |
| 12. Frequency response | 20Hz – 20 KHz |
| 13. Distortion | < 0.1 % |
| 14. SNR | > 8.5 db |
| 15. Transmitting speed | > 4M bps |
| 16. Frequency output | (L) 10 mW + (R) 10 mW (320 Ohm) |
| 17. Working temperature | - 5 up to + 40 ° C |
| 18. Supported operating systems | Windows 98/SE/ME/2K/XP, Mac OS 10, Linux 2.4.2 |